## SEQUENCE LISTING

<110> Morse, Daniel E. Kisailus, David Roth, Kristian M.

<120> METHODS, COMPOSITIONS, AND BIOMIMETIC CATALYSTS FOR THE SYNTHESIS OF SILICA, POLYSILSEQUIOXANES, POLYSILOXANES, NON-SILICON METALLOID-OXYGEN NETWORKS. POLYMETALLO-OXANES, AND THEIR ORGANIC OR HYDRIDD CONJUGATES AND DERIVATIVES

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<160> 2

<170> PatentIn version 3.1

<210> 1

<211> 330

<212> PRT

<213> Tethya aurantia

<400> 1

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115 120 125 Ile Lys Ser Gln Gly Asp Cys Gly Ala Ser Tyr Ala Phe Ser Ala Met Gly Ala Leu Glu Gly Ile Asn Ala Leu Ala Thr Gly Lys Leu Thr Tyr 145 150 155 160 Leu Ser Glu Gln Asn Ile Ile Asp Cys Ser Val Pro Tyr Gly Asn His 165 170 175 Gly Cys Lys Gly Gly Asn Met Tyr Val Ala Phe Leu Tyr Val Val Ala 180 185 190 Asn Glu Gly Val Asp Asp Gly Gly Ser Tyr Pro Phe Arg Gly Lys Gln
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